OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/657,431

DATE: 09/21/2000
TIME: 15:17:46

ENTERED

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     3 <110> APPLICANT: ConjuChem, Inc.
     4       Beliveau, Richard
     5       Bridon, Dominique
     6       Rasamoelisolo, Michele
     7       Thibaudeau, Karen
     8       Huang, Xicai
    10 <120> TITLE OF INVENTION: Long Lasting Anti-Angiogenic Peptides
    12 <130> FILE REFERENCE: 2200
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/657,431
C--> 15 <141> CURRENT FILING DATE: 2000-09-07
    17 <150> PRIOR APPLICATION NUMBER: 60/134,406
    18 <151> PRIOR FILING DATE: 1999-05-17
    20 <160> NUMBER OF SEQ ID NOS: 16
    22 <170> SOFTWARE: PatentIn Ver. 2.1
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    30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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    38              20                  25                  30
    40 Lys Cys Glu Glu Asp Glu Glu Phe Thr Cys Arg Ala Phe Gln Tyr His
    41          35                  40                  45
    43 Ser Lys Glu Gln Gln Cys Val Ile Met Ala Glu Asn Arg Lys Ser Ser
    44      50                  55                  60
    46 Ile Ile Ile Arg Met Arg Asp Val Val Leu Phe Glu Lys Lys Val Tyr
    47  65                  70                  75                  80
    49 Leu Ser Glu Cys Lys Thr Gly Asn Gly Lys Asn Tyr Arg Gly Thr Ser
    50                  85                  90                  95
    52 Lys Thr Lys Asn Gly Ile Thr Cys Gln Lys Trp Ser Ser Thr Ser Pro
    53              100                 105                 110
    55 His Arg Pro Arg Phe Ser Pro Ala Thr His Pro Ser Glu Gly Leu Glu
    56          115                 120                 125
    58 Glu Asn Tyr Cys Arg Asn Pro Asp Asn Asp Pro Gln Gly Pro Trp Cys
    59      130                 135                 140
    61 Tyr Thr Thr Asp Pro Glu Lys Arg Tyr Asp Tyr Cys Asp Ile Leu Glu
    62 145                 150                 155                 160
    64 Cys Glu Glu Glu Cys Met His Cys Ser Gly Glu Asn Tyr Asp Gly Lys
    65                  165                 170                 175
    67 Ile Ser Lys Thr Met Ser Gly Leu Glu Cys Gln Ala Trp Asp Ser Gln
    68              180                 185                 190
    70 Ser Pro His Ala His Gly Tyr Ile Pro Ser Lys Phe Pro Asn Lys Asn
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71          195                 200                 205
73 Leu Lys Lys Asn Tyr Cys Arg Asn Pro Asp Arg Glu Leu Arg Pro Trp
74      210                 215                 220
76 Cys Phe Thr Thr Asp Pro Asn Lys Arg Trp Glu Leu Cys Asp Ile Pro
77  225                 230                 235                 240
79 Arg Cys Thr Thr Pro Pro Pro Ser Ser Gly Pro Thr Tyr Gln Cys Leu
80                  245                 250                 255
82 Lys Gly Thr Gly Glu Asn Tyr Arg Gly Asn Val Ala Val Thr Val Ser
83              260                 265                 270
85 Gly His Thr Cys Gln His Trp Ser Ala Gln Thr Pro His Thr His Asn
86          275                 280                 285
88 Arg Thr Pro Glu Asn Phe Pro Cys Lys Asn Leu Asp Glu Asn Tyr Cys
89      290                 295                 300
91 Arg Asn Pro Asp Gly Lys Arg Ala Pro Trp Cys His Thr Thr Asn Ser
92 305                 310                 315                 320
94 Gln Val Arg Trp Glu Tyr Cys Lys Ile Pro Ser Cys Asp Ser Ser Pro
95                  325                 330                 335
97 Val Ser Thr Glu Gln Leu Ala Pro Thr Ala Pro Pro Glu Leu Thr Pro
98              340                 345                 350
100 Val Val Gln Asp Cys Tyr His Gly Asp Gly Gln Ser Tyr Arg Gly Thr
101         355                 360                 365
103 Ser Ser Thr Thr Thr Thr Gly Lys Lys Cys Gln Ser Trp Ser Ser Met
104     370                 375                 380
106 Thr Pro His Arg His Gln Lys Thr Pro Glu Asn Tyr Pro Asn Ala Gly
107 385                 390                 395                 400
109 Leu Thr Met Asn Tyr Cys Arg Asn Pro Asp Ala Asp Lys Gly Pro Trp
110                 405                 410                 415
112 Cys Phe Thr Thr Asp Pro Ser Val Arg Trp Glu Tyr Cys Asn Leu Lys
113             420                 425                 430
115 Lys Cys Ser Gly Thr Glu Ala Ser Val Val Ala Pro Pro Pro Val Val
116         435                 440                 445
118 Leu Leu Pro Asp Val Glu Thr Pro Ser Glu Glu Asp Cys Met Phe Gly
119     450                 455                 460
121 Asn Gly Lys Gly Tyr Arg Gly Lys Arg Ala Thr Thr Val Thr Gly Thr
122 465                 470                 475                 480
124 Pro Cys Gln Asp Trp Ala Ala Gln Glu Pro His Arg His Ser Ile Phe
125                 485                 490                 495
127 Thr Pro Glu Thr Asn Pro Arg Ala Gly Leu Glu Lys Asn Tyr Cys Arg
128             500                 505                 510
130 Asn Pro Asp Gly Asp Val Gly Gly Pro Trp Cys Tyr Thr Thr Asn Pro
131         515                 520                 525
133 Arg Lys Leu Tyr Asp Tyr Cys Asp Val Pro Gln Cys Ala Ala Pro Ser
134     530                 535                 540
136 Phe Asp Cys Gly Lys Pro Gln Val Glu Pro Lys Lys Cys Pro Gly Arg
137 545                 550                 555                 560
139 Val Val Gly Gly Cys Val Ala His Pro His Ser Trp Pro Trp Gln Val
140                 565                 570                 575
142 Ser Leu Arg Thr Arg Phe Gly Met His Phe Cys Gly Gly Thr Leu Ile
143             580                 585                 590
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145 Ser Pro Glu Trp Val Leu Thr Ala Ala His Cys Leu Glu Lys Ser Pro
146         595                 600                 605
148 Arg Pro Ser Ser Tyr Lys Val Ile Leu Gly Ala His Gln Glu Val Asn
149     610                 615                 620
151 Leu Glu Pro His Val Gln Glu Ile Glu Val Ser Arg Leu Phe Leu Glu
152 625                 630                 635                 640
154 Pro Thr Arg Lys Asp Ile Ala Leu Leu Lys Leu Ser Ser Pro Ala Val
155                 645                 650                 655
157 Ile Thr Asp Lys Val Ile Pro Ala Cys Leu Pro Ser Pro Asn Tyr Val
158             660                 665                 670
160 Val Ala Asp Arg Thr Glu Cys Phe Ile Thr Gly Trp Gly Glu Thr Gln
161         675                 680                 685
163 Gly Thr Phe Gly Ala Gly Leu Leu Lys Glu Ala Gln Leu Pro Val Ile
164     690                 695                 700
166 Glu Asn Lys Val Cys Asn Arg Tyr Glu Phe Leu Asn Gly Arg Val Gln
167 705                 710                 715                 720
169 Ser Thr Glu Leu Cys Ala Gly His Leu Ala Gly Gly Thr Asp Ser Cys
170                 725                 730                 735
172 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Phe Glu Lys Asp Lys Tyr
173             740                 745                 750
175 Ile Leu Gln Gly Val Thr Ser Trp Gly Leu Gly Cys Ala Arg Pro Asn
176         755                 760                 765
178 Lys Pro Gly Val Tyr Val Arg Val Ser Arg Phe Val Thr Trp Ile Glu
179     770                 775                 780
181 Gly Val Met Arg Asn Asn
182 785                 790
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210   1               5                  10
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214 <211> LENGTH: 24
215 <212> TYPE: PRT
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<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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Pro Arg Lys Leu Tyr Asp Tyr Lys
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<213> ORGANISM: Artificial Sequence
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1 5 10

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<212> TYPE: PRT
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Pro Arg Lys Leu Tyr Asp Tyr Lys
1 5

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Tyr Thr Thr Asn Pro Arg Lys Leu Tyr Asp Tyr Lys
1 5 10

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Tyr Thr Thr Asn Pro Arg Lys Leu Tyr Asp Tyr
1 5 10

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1 5 10 15
Pro Arg Lys Leu Tyr Asp Tyr
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<400> SEQUENCE: 10
Arg Lys Leu Tyr Asp Tyr Lys
1 5

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<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
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1 5

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VERIFICATION SUMMARY DATE: 09/21/2000
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